

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

"An integrated circuit with a high resolution analog-to-digital converter, a microcontroller and high density memory and an emulator for an integrated circuit"

the specification of which is attached hereto unless the following is checked:

☒ was filed on February 6, 1998, as United States Application No. \_\_\_\_\_ or PCT International Application No. \_\_\_\_\_, bearing attorney docket No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a), (b):

(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	Priority Claimed
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(Application Number)	(filing date)
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(filing date)	(status-patented, pending, abandoned)
(Application No.)	(filing date)	(status-patented, pending, abandoned)

PCT International Applications designating the United States:

(PCT Appl. No.) (U.S. Ser. No.) (PCT filing date) (status-patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David Wolf	17,528	James H. Morris	34,681	Douglas C. Daskocil	39,660
George L. Greenfield	17,756	Peter C. Lando	34,654	John R. Van Amsterdam	40,212
Stanley Sacks	19,900	Gary S. Engelson	35,128	Matthew B. Lowrie	38,228
Edward F. Perlman	28,105	Peter J. Gordon	35,164	Jodi-Ann McLane	36,215
Lawrence M. Green	29,384	Randy J. Pritzker	35,986	Michael G. Verga	39,410
Steven J. Henry	27,900	Richard F. Giunta	36,149	Robert E. Rigby, Jr.	36,904
Therese A. Hendricks	30,389	Douglas R. Wolf	36,971	Robert A. Skrivaneck, Jr.	41,316
Edward R. Gates	31,616	Elizabeth R. Plumer	36,637	Robert M. Abrahamson	40,886
William R. McClellan	29,409	Timothy J. Oyer	36,628	Lesley A. Hamlin	41,054
Ronald J. Kransdorf	20,004	John N. Anastasi	37,765	Lindsay G. McGuinness	38,549
M. Lawrence Oliverio	30,915	Helen C. Kindregan	39,248	Mike W. Crosby	40,970
James J. Foster	30,052	James M. Hanifin, Jr.	39,213	Ivan D. Zitkovsky	37,482
Charles E. Pfund	17,030	Christopher S. Schultz	37,929	Michele J. Young	P-43,299
Jason M. Honeyman	31,624	Paul D. Sorkin	39,039	Edward J. Russavage	P-43,069
				Alan B. Sherr	P-42,147

Address all telephone calls to Steven J. Henry at telephone no. (617) 720-3500. Address all correspondence to

Steven J. Henry  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*Tim Cummins*

*26 Mar 1998*

Inventor's signature  
Full name of sole or first inventor Timothy J. Cummins  
Citizenship Ireland  
Residence (City and State, or City and Country for non-U.S. residence)  
Cratloe, County Clare, Ireland  
Post Office Address  
Cratloe, County Clare, Ireland

Date  
March 26, 1998

*Eamonn Byrne*

*24/2/98*

Inventor's signature  
Full name of second or joint inventor Eamonn Joseph Byrne  
Citizenship Ireland  
Residence (City and State, or City and Country for non-U.S. residence)  
Ahane, Cullen, Mallow, County Cork, Ireland  
Post Office Address  
Ahane, Cullen, Mallow, County Cork, Ireland

Date  
February 24, 1998

cont'd

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dara Brannick

24/2/98

Inventor's signature

Date

Full name of sole or first inventor Dara Joseph Brannick

February 24. 1998

Citizenship Ireland

Residence (City and State, or City and Country for non-U.S. residence)

Clooneen, Hollymount, Claremorris, County Mayo, Ireland

Post Office Address

Cloonee, Hollymount, Claremorris, County Mayo, Ireland

Pat Mitchell

24 Feb 98

Inventor's signature

Date

Full name of second or joint inventor Patrick Michael Mitchell

February 24. 1998

Citizenship Ireland

Residence (City and State, or City and Country for non-U.S. residence)

Carrigeeval, Ballyvalley, Killaloe, County Clare, Ireland

Post Office Address

Carrigeeval, Ballyvalley, Killaloe, County Clare, Ireland

005130-4676500